

50X1-HUM

S-E-C-R-E-T

since the wood is still green, fungus growth is bound to develop, making the apartments quite unsanitary. The workers' families are told to move into the apartments which have been completed, even though they still do not have any plumbing, electricity, or toilets, but the workers' resistance to doing so is very great. The reason given for these deficiencies is the shortage of pipes.

Rolling Mill Construction

The site of the East Metallurgical Combine covers 120 hectares. Immense bottlenecks in the supply of materials have come up in the construction of the rolling mill shop. In the source's opinion, the shop cannot be completed in less than 3 years.

Blast Furnace No 1

This furnace was put into operation recently, with Grotewohl officiating. According to the source, the blast furnace is not yet ready for operation. The lining of the inner walls (with dolomite and magnesite) was started as recently as the end of August, and it takes a long time before the inner walls are dry. Before pig iron can be produced, the blast furnace has to be filled up with ore and coke for at least 6 weeks; it must be thoroughly heated through. If the first pig iron is being produced now, as the Communist press claims, then the preparatory work must have been done at a time when it could not have been done because the internal construction was not far enough advanced. The source claims that the first pig iron was obtained by the following trick: Instead of iron ore, finished iron was put into the furnace, with charcoal; it melted after 3-4 days and was shown to the amazed people as the first pig iron produced in the blast furnace.

There is another reason why the smelting of ore was not possible in this furnace: East Germany does not have the kind of ore which will make it profitable to operate the completed blast furnace. The iron ore for the East Metallurgical Combine was supplied by the USSR, supposedly from Krivoy Rog. According to international tables, the Krivoy Rog ore, which is a high-grade ore, has a silicon content of only 0.6 percent. However, according to the results of an examination, the ore shipped by the USSR to Fuerstenberg showed a 10-percent silicon content. Thereupon, the ore samples were shipped to East Berlin to be re-examined. There the experts found that the ore had a silicon content of 10-20 percent. Steel produced from this ore would be of a poor quality and its use would be very limited. The official East Berlin expert who carried out this examination was Dr Toepfer, head of the East Berlin Material Testing Office. The experts then came to the conclusion that the ore supplied by the USSR did not come from the Krivoy Rog mines, but that waste ores were simply shipped to Fuerstenberg.

This situation has caused a great dilemma among officials. They are of the opinion that there will be nothing left to do but to melt scrap instead of iron ore in blast furnace No 1. However, according to the source, the blast furnace would then be completely useless, because scrap can be melted in the Siemens-Martin furnaces.

Business deals involving illegal steel deliveries from West Germany to East Germany are being concluded by the Avtovelo firm in Berlin-Lichtenberg, Harzbergstrasse. Burghardt is the name of the director [of the firm?].

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**OCTOBER 1951 STEEL-ROLLING SCHEDULES
FOR HENNIGSDORF AND MAXHUTTE PLANTS**

The following steel-rolling schedules are dated 27 September 1951, Leipzig, and are marked "Subject to changes."

HennigsdorfRolling MillPeriodProducts

280 rolling mill

Rolled wire, 6 and 7 mm (also welding wire and wire for wire rope)

320 rolling mill

1 - 6 Oct
8 - 13 Oct
15 - 20 Oct
22 - 27 Oct
29 Oct - 3 Nov

Round steel bars, 25-32 mm
Round steel bars, 18-24 mm
Flat steel bars, 40x5-30 mm
Round steel bars, 25-32 mm
Round steel bars, 18-24 mm

350 rolling mill

1 - 6 Oct
8 - 13 Oct
15 - 20 Oct
22 - 27 Oct
29 Oct - 3 Nov

Flat steel bars, 45-50x6.5-30
Flat steel bars, 60-70 mm wide
(presumably in all thickness according to plan)

450 rolling mill

1 - 6 Oct
8 - 13 Oct
15 - 20 Oct
22 - 27 Oct

Round steel bars, 45-50 mm
Round steel bars, 55-70 mm
Flat steel bars, 60-90x20-40 mm
Spring steel, grooved, 90x13, 90x16 mm
Spring steel, grooved, 100x13 mm
Spring steel, grooved, 120x13, 120x16 mm

Oct 29 - 3 Nov

Round steel bars, 36-42 mm

550 rolling mill

Billets and slabs
Round steel bars, 75-100 mm

Maxhutte

Two-high rolling mill

1 - 3 Oct
4 - 7 Oct
8 - 12 Oct
13 - 17 Oct
18 - 21 Oct
22 - 26 Oct
26 - 31 Oct

Section steel
Angle steel, 160x160 mm
Section steel, U 30
Section steel, U 26
Section steel, U 24
Section steel, I 40
Rails, S 49

Three-high rolling mill

1 - 2 Oct
3 - 6 Oct
7 - 9 Oct
10 - 12 Oct
12 - 16 Oct

Section steel, S 14
Angle steel, 110/110 mm
Angle steel, 120/120 mm
Rails, S 18
Slabs

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